Please type a plus sign (+) inside this box————————————————————————————————————										
Under the Paperwork Reduct	ion Act of 1995, no persons are rec								splays a valid OMB contr	ol number.
UTILITY		<b></b>	Attorney Docket No.   COTH-P01-001  First Inventor   Noubar B. Afeyan							
PATENT APPLICATION			TV CINO	11.	Oub	ai b. A	Cyan			0
TRANSMITTAL			ADZ`	ADZYMES AND USES THEREOF					EOF	PTO 99
(Only for new nonprovisional applications under 37 CFR 1.53(b))			ss Mail l	s Mail Label No. EV323526858US					o E	
APPLICATION ELEMENTS									-5 t	
See MPEP chapter 600 cond	ontents.	ADDRESS TO. Commissioner for Palents							916 10/	
Fee Transmittal For (Submit an original, and		7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)							03	
2. X Applicant claims sm See 37 CFR 1,27.		8 Nucleotide and/or Amino Acid Sequence Submission								
3. X Specification	(if applicable, all necessary) a. Computer Readable Form (CRF)									
(preferred arrangement set forth below) b. Specification Sequence Listing on:										
- Descriptive title of - Cross Reference to	o Related Applications			i. CD-ROM or CD-R (2 copies); or ii. paper						
- Reference to sequ	ling Fed sponsored R & D sence listing, a table,		c.		Staten	nents verif	ying ider	ntity c	of above copies	
<ul> <li>Background of the</li> </ul>			Γ	<u></u>	cco	MPANY	NG AP	PLIC	CATIONS PARTS	
	of the Drawings (if filed)		9.	As	signm	ent Paper	s (cover	shee	et & document(s))	
- Detailed Description - Claim(s)			10.			3.73(b) St			Power of	
- Abstract of the Dis	_	19 1	11.			nere is an i Translation			لــــا Attomey if applicable)	
4. X Drawing(s) (35 U.S.	· · · ·	19 1			-	ion Disclo		Cint (	Copies of IDS	
5. Oath or Declaration	[Total Pages		12. Statement (IDS)/PTO-1449 Citations							
	d (original or copy)	!	13. Preliminary Amendment							
b. Copy from a pr	rior application (37 CFR 1.63(d)) divisional with Box 18 completed)		14. Return Receipt Postcard (MPEP 503) (Should be specifically itemized)							
i. DELETIO	N OF INVENTOR(S)		15. Certified Copy of Priority Document(s) (if foreign priority is claimed)							
Signed state	ement attached deleting named in the prior application,		Nonpublication Request under 35 U.S.C. 122 (b)(2)(B)(i).							
see 37 CFR	R 1.63(d)(2) and 1.33(b).		Applicant must attach form PTO/SB/35 or its equivalent.						<del>.</del>	
6. X Application Data St		17.		iller.						
	LICATION, check appropriate box, ar	nd sunnly the	requisite	informa	tion he	low and in a	prelimina	rv am	endment or in an Application	
Data Sheet under 37 CFR 1	1.76:						<i>p,</i> v,,,	.,	, , , , , , , , , , , , , , , , , , , ,	
Continuation	Divisional Continuation	on-in-part (	CIP) o	f prior	•	ation No.:				
Prior application information: Examiner Group / Art Unit:										
For CONTINUATION or DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by										
reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.  19. CORRESPONDENCE ADDRESS										
28120										
Customer Number or Bar Code Label			20120					or X Correspondence address below		
ROPES & GRAY LLP										
Matthew P. Vincent										
Address One International Place										
City Boston State			MA (617) 951-7000				Zip Code 02110-2624			
Country US Telephon  Name (Print/Type) John D. Quisel			1		_			ax	(617) 951-7050	
Name (Print/Type)		R	Registr	ation N	lo. (Attorn	ey/Agent	i~	47,874		
Signature			Date   August 27, 2003							
I hereby certify that this correspondence is being deposited with the U.S. Postal Service as Express Mail, Airbill No. EV323526858US, in an envelope addressed to: Mail Stop Patent Application, Commissioner for Patents, Alexandria, VA 22313-1450, on the date shown below.  Dated: 8/27/03 Signature: Varne Ryan (Joanne Ryan)										

PTO/SB/17 (01-03) ved for use through 04/30/2003. OMB 0651-0032

							plays a valid OMB cor	woi numbei	
FEE TRANSMITTAL		C mpl te if Known							
		Application Number				Not Yet Assigned			
for FY 2003	- 1	Filing Date				August 27, 2003			
Patent fees are subject to annual revision.		First Named Inventor			Noubar B. Afeyan				
	Examiner Name					Not Yet Assigned			
x Applicant claims small entity status. See 37 CFR 1.27	Group Art Unit					N/A			
TOTAL AMOUNT OF PAYMENT (\$) 375.00	Attorney Docket No.				).	COTH-PO	01-001		
METHOD OF PAYMENT (check all that apply)		FEE CALCULATION (continu					ntinund)		
	3. ADDITIONAL FEES					A HON (W	nanueu)		
Check Credit Money Other None	3. A	ווווסטו	ONAL	FEES					
X Deposit Account									
Deposit Account 18-1945	Fee	Entity	Fee	Entity					
Number 10-19-19	Code	(\$)	Code	(\$)		Fee Desc	ription	Fee Paid	
Deposit Account Ropes & Gray LLP	1051	130	2051	65	Surcharge -	- late filing fe	e or oath		
Name	1052	50	2052	25	-	-	onal filing fee or cover	<b></b>	
The Commissioner is hereby authorized to: (check all that apply)				23	sheet.			]	
Charge fee(s) indicated below X Credit any overpayments	1053	130	1053	130	Non-English	n specification	n		
X Charge any additional fee(s) during the pendency of this application	1812	2,520	1812	2,520	For filing a re	equest for ex p	parte reexamination		
Charge fee(s) indicated below, except for the filing fee	1804	920*	1804	920*	Requesting Examiner a		f SIR prior to		
to the above-identified deposit account.	1805	1,840*	1805	1.840°	Requesting	publication of	f SIR after	<del>  </del>	
FEE CALCULATION	1251	110	2251	55	Examiner a		first month		
1. BASIC FILING FEE	1252	410	2252	205		or reply withir or reply withir	second month		
Large Entity Small Entity	1253	930	2253	465		or reply within			
Fee Fee Fee Fee Description	1254	1,450	2254	725			fourth month		
Code (\$) Code (\$) Fee Paid   1001 750 2001 375 Utility filing fee   375,00	1255	1,970	2255	985		or reply within			
1002 330 2002 165 Design filing fee	1401	320	2401	160	Notice of Ap		, mar thoriar		
1003 520 2003 260 Plant filing fee	1402	320	2402	160		f in support o	f an appeal		
1004 750 2004 375 Reissue filing fee	1403	280	2403	140	Request for	oral hearing			
1005 160 2005 80 Provisional filing fee	1451	1,510	1451				lic use proceeding		
SUBTOTAL (1) (\$) 375.00	1452	110	2452	55		evive - unav			
	1453 1501	1,300	2453 2501	650 650		evive - uninte			
2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE  Extra Fee from	1502	470	2502			fee (or reissa	ie)		
Claims below Fee Paid Total Claims -20** =   x   =	1502	630	2502	235 315	Design issue Plant issue			<b>  </b>	
Independent -3**= x =	1460	130	1460	130		the Commiss	inner		
Claims X	1807	50	1807	50			CFR 1.17(g)		
Multiple Dependent =	ł				-		• • •		
Large Entity Small Entity Fee Fee Fee Fee	1806	180	1806	180			n Disclosure Stmt ssignment per		
Code (\$) Code (\$) Fee Description	8021	40	8021	40	property (tin	nes number o	of properties)		
1202 18 2202 9 Claims in excess of 20	1809	750	2809	375	Filing a sub (37 CFR 1.1		final rejection		
1201 84 2201 42 Independent claims in excess of 3 1203 280 2203 140 Multiple dependent claim, if not paid	1810	750	2810	375	For each ad	ditional inve			
1204 84 2204 42 ** Reissue independent claims	1801	750	2801	375		37CFR 1.129 Continued F	(b)) xamination (RCE)	<b></b>	
over original patent	1802	900	1802	900	Request for	expedited ex		<del> </del>	
1205 18 2205 9 ** Reissue claims in excess of 20 of a design application							ļI		
please course	Other fee (specify)								
SUBTOTAL (2) (\$) 4-09 **or number previously paid, if greater, For Reissues, see above	*Reduced by Basic Filing Fee Paid SUBTOTAL (3) (\$) 0.00								
SUBMITTED BY  Complete (if applicable)									
Name (Print/Type) John D. Quisel Registration No. 17 874						Telephone			
Walle (Fills Type) JOHN D. Quisel		ey/Agent)		,014		-	(617) 951-7685		
Signature Out Quid Date August 27, 2003						3			

I hereby certify that this corresponde envelope addressed to: Mail Stop Pr	nce is being deposited with the U.S. Postal Seatent Application, Commissioner for Patents, P	rvice as Express Mail, Airbill No. EV323526858US, in an O Box 1450, Alexandria, VA 2231301450, on the date shown
holou		
Dated: \$/27/03 s	ignature: Doane Ry an	(Joanne Ryan)